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**From:** Sarah Webb  
**To:** 'BRITTAIN, ERIN'  
**Sent:** 3/31/2011 3:09:12 PM  
**Subject:** RE: Cap 18 work plan and 4th Qu 2010 comment letters, Michigan Plaza, VRP#6061202

Erin,

ASAP, I'm checking with John on his availability....

Sarah

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**From:** BRITTAIN, ERIN [mailto:EBRITTAI@idem.IN.gov]  
**Sent:** Thursday, March 31, 2011 10:59 AM  
**To:** Sarah Webb  
**Subject:** RE: Cap 18 work plan and 4th Qu 2010 comment letters, Michigan Plaza, VRP#6061202

*Hi Sarah,  
When would you like to do the phone call? Today, tomorrow, next week?  
Thanks,*

*Erin Brittain  
Voluntary Remediation Program Project Manager  
Indiana Department of Environmental Management  
317/233-2991  
ebrittai@idem.IN.gov*

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**From:** Sarah Webb [mailto:SWEBB@MUNDELLASSOCIATES.COM]  
**Sent:** Wednesday, March 30, 2011 6:35 PM  
**To:** BRITTAIN, ERIN  
**Cc:** Lam.Shelly@epamail.epa.gov; John Mundell; Cappel, Peter (Denver)  
**Subject:** RE: Cap 18 work plan and 4th Qu 2010 comment letters, Michigan Plaza, VRP#6061202

Hi Erin,

We've reviewed the Work Plan Comment Letter and have a few ideas of where to place the requested western well nest which are different than the suggested locations you've provided. Hopefully we can have a specific technical discussion with your staff on our proposal.

In the attached figure, we have added possible 'flow paths' between our Source Areas A and B, and the vinyl chloride impacted residential wells. Though we don't believe these theoretical flow lines exist, they would have to be present if the Michigan Plaza were the source of the detected vinyl chloride impacts. Those lines are dashed in red.

Several red circles on the map represent potential alternative well nest locations potentially in the downgradient direction (again assuming flow directly between the source areas and the residential well locations) of the primary Plaza sources. It should be noted that the most immediate downgradient locations are along the northwestern property lines of the Plaza property, where there are currently no monitoring wells located. In addition, the monitoring results from the proposed location would be appropriate in order to determine the actual need for vapor monitoring of the residence further downgradient from that location.

We have yet to approach the residential property owners west of the Site for access. We are hoping to place the second requested well nest immediately downgradient of Source Area B, along the 'theoretical' potential direction of groundwater flow toward the impacted residential wells (or what it would be, if the Plaza was the source). This nest would be installed on the Plaza property which would also prevent us from having to pursue access to the residences

immediately west of the Plaza. This location would also allow us to proceed with our planned remedial activities at the Site in a much shorter timeframe.

Mundell recognizes that an additional nested well set may be necessary at some point in the next several months (depending on further discussions with AIMCO, Genuine and Allison) to further delineate possible impacts along Holt Road in the future. We have an access agreement in place with the Floral Park Cemetery, which would be an ideal location for future consideration. We understand that this potential location is further downgradient than you would prefer regarding the upcoming injection, which is why the on-Site well location is suggested in the interim.

We would like to discuss these suggestions with you and your technical staff during a brief phone call. Please let us know when you will be available.

Thanks!  
Sarah

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**From:** BRITTAIN, ERIN [mailto:EBRITTAI@idem.IN.gov]  
**Sent:** Wednesday, March 30, 2011 12:51 PM  
**To:** Sarah Webb; John Mundell  
**Cc:** Lam.Shelly@epamail.epa.gov  
**Subject:** Cap 18 work plan and 4th Qu 2010 comment letters, Michigan Plaza, VRP#6061202

*Hi Sarah,*

*Attached are IDEM comment letters for the Cap 18 work plan and 4<sup>th</sup> Quarter 2010 monitoring report. If you have any questions, please let me know.*

*Thanks,*

*Erin Brittain  
Voluntary Remediation Program Project Manager  
Indiana Department of Environmental Management  
317/233-2991  
ebrittai@idem.IN.gov*